

“An Improved Wall and Partition Construction and Method Including a Laterally
Adjustable Flanged Stud”

ABSTRACT OF THE DISCLOSURE

- 5 **[0063]** An improved wall and partition construction method that features use of no exterior panel attachment means, and which provides a finished wall with a substantially seamless outer surface. The improved wall is comprised of ceiling and floor rails attached along a top and bottom wall line, and a plurality of vertical studs, slidably disposed between the floor and ceiling rails. Vertical slidable studs each have a
- 10 hat-shaped cross section and include a plurality of openings that provide a pathway for cables and wiring along the interior of a finished wall. Wall panels such as compressed straw panels are attached to the vertical studs in a slightly offset alternating manner such that each strawboard panel can be rigidly connected to a stud by a plurality of lag screws with each penetrating the strawboard panel from the inside so that the finished wall has
- 15 no exterior penetrations.